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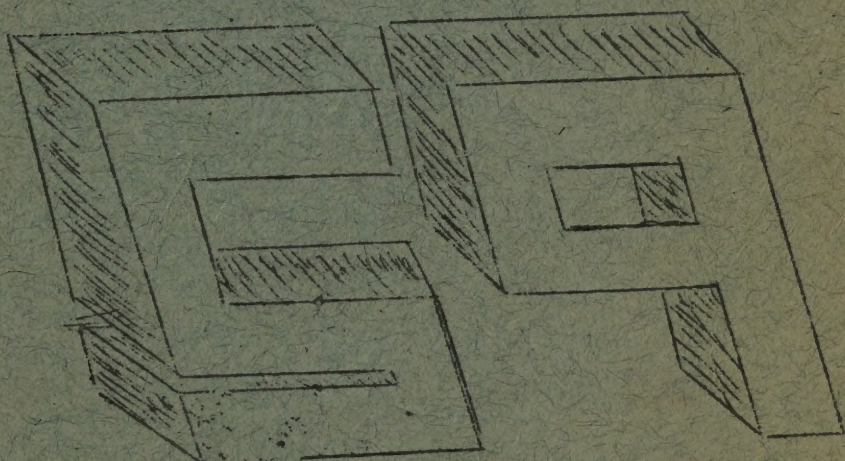
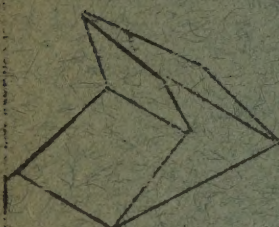
1959

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FOR
MUMPS

IN

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U. S. Department of Agriculture



R. DALL

• 3402 34th. AVENUE SOUTH
• SEATTLE 44- WASHINGTON

JENNIFER HUGHES A true exhibition bloom in purest yellow, incurving solidly to make a perfect ball.

JANET AMIEL Very large reflex in light pink. A beautiful bloom after the style of Peter Shoemith. A.M.

JULIET One of the loveliest of the earlies. A cactus type bloom of purest white. Truly lovely.

REGALIA Vivid Rosy-purple, a perfect bloom in every respect. Formal reflex of large size, outstanding. A.M.

SPECTRUM A large lime-yellow reflex of excellent quality.

SPRING MORN Pastel pink reflexing bloom, good cut flower.

STARFIRE Considered by many the best medium red mum on the market. Every bloom perfect, has stood the weather beautifully, low growing. A.M.

VISTA VISION Striking crimson-scarlet bloom of excellent quality. Flower has a velvet quality about it and should be very popular. Wonderful for market. A.M.

The ground where it is proposed to grow early flowering mums should be well prepared during the winter and steps taken to ensure adequate drainage. Manures of any kind are valuable additions or, organic materials too may be spaded in during the winter months. A complete fertilizer may be added to ground during cultivation just prior to planting out in the spring. Plant firmly and water in plants well. If ground is sufficiently prepared there is no need for further fertilizing. If plants lag in growth a small application of dried blood is beneficial. For exhibition most varieties are stopped once and raised with six-eight blooms per plant. Plants should be staked and tied at an early date to prevent wind damage. If you are not interested in exhibiting but want larger blooms disbud all laterals, leaving one bud to each stem. Remember, the more laterals (stems) you leave on each plant the smaller the over-all blooms will be. Most earlies will carry 10 good sized disbuds, some even more. *Stop mid-May. For shows, stopping dates vary.

EARLY ENGLISH Early flowering outdoor varieties for 1957
and General Collection.

Plants 50 cents each 5.00 per dozen

ACTRESS Magnificent glowing pink bloom, reflexing perfectly. This bloom is perfect in every respect.

ALFRETON YEOMAN Beautiful reflexing bloom in maroon-silver.

ALICE K. JOHNSON Glistening white bloom, incurving form.

ALICK WINSON Golden bronze, incurving bloom of large size.

AMY SHOESMITH Outstanding incurving bloom of bright pink.
Flower has great depth and a satiny sheen. A.M.

ANGELA EDWARDS Cerise pink, large reflexing bloom.

APRICOT BRENDA TALBOT Lovely sport of Brenda Talbot, Orange
apricot bloom that stands out in the garden. Excellent.

APRICOT SYLVIA RILEY Lovely sport of the famous Sylvia Riley

ASHOVER ATOM Outstanding crimson-gold incurving bloom. A.M.

ASHOVER BEAUTY A lovely large lemon-yellow reflex. A.M.

ASHOVER SUPREME Clear yellow incurve, large, perfect. A.M.

ARTHUR RILEY Classical large, clear yellow reflexing bloom.

BARBARA COUPER A massive yellow bloom, strong grower on
sturdy stems, incurving to show bright yellow throughout.

BILL RILEY The giant incurving bronze bloom. Very popular.

BILL WALTERS Broad petalled golden yellow incurve. A.M.

BRENDA TALBOT One of the most beautiful and popular mums
ever raised. True carnation-pink. Outstanding. F.D.C.

- CREAM BRENDA TALBOT Sport of Brenda Talbot, More reflexing.
- CHARLES PAINTER Beautiful huge reflexing bloom of golden-crimson with a lovely incurving gold center. A.M.
- CHRIS RILEY Bright crimson-scarlet reflex, shiny petals.
- CHRISTINE ALEXANDER Magnificent large incurving pink.
- CORAL BEAUTY Classic reflexing cerise-pink, Outstanding.
- DEREK ELLIS Large incurving purple-silver bloom. A-1.
- DOREEN YULE Butter-yellow incurve, perfect all around.
- DORIDGE BRONZE Beautiful rich reddish-bronze incurve.
- ERMINE Magnificent white incurve of exhibition proportions. Finishes perfectly. A joy to behold.
- ENID WALTERS Beautiful solid incurve in shell pink. A lovely bloom. outstanding this season. A.M.
A
- EVELYN BUSH Another immaculate white incurve. Will give exhibition size blooms. Very popular.
- FANCY FREE Incurving large white, good cropper. A.M.
- FRANK ALLERTON Huge wide petalled, reflexing yellow.
- GEORGE WILSON Solid crimson, perfect reflex. Here is one of the best reds of good size ever raised.
- GERVASE RILEY Lovely pure glistening white bloom, large slightly reflexing, opening to last petal.
- GOLDEN SCEPTRE Very large golden-yellow bloom. A.M.
- GRACE BRADSHAL Lovely white, good spray or dis-bud.
- HALO Large amber-yellow incurve, early and outstanding.

- HARVEST MARVEL** Here is a beautiful bloom in a most unusual color, Orange-apricot with salmon reverse. Must be seen to be appreciated. The flower actually glows. Reflex.
- HAROLD PARK** Old standby, large incurving bright yellow.
- INCURVING BRENDA TALBOT** Incurving sport of Brenda Talbot. A.M.
- JENNIFER PEARCE** Deep orange-yellow incurving bloom.
- JIM RILEY** Huge reflexing amber bloom, glowing color. A.M.
- JOE SPENCER** Good incurving pink, hard petals, good stem.
- JOHN WOOLMAN** Magnificent silvery-lilac incurve. F.C.C.
- JOSEPH R. JOHNSON** Golden yellow reflex with a bronze center. This is one of the most outstanding mums, and as versatile as they come. A-1 for show, commercial, rainproof.
- JUDITH SIMPSON** Lovely incurving bloom of cream and ivory.
- KATHLEEN DOWARD** Slightly reflexing bloom, peaches and cream describes it perfectly. Outstanding, one of the easiest mums to grow, the color defies description. Get it.
- LADY SUPERIOR** Seedling of White Wings, large white reflex.
- LOUIS SHOESMITH** Gorgeous white and cream incurve. Huge.
- MARIE BRUNTAN** Excellent large yellow incurve with a slight greenish overcast. A newcomer with a great future. This bloom is of exhibition standard, beautiful center.
- MAYFAIR** Excellent glowing pink incurve of good size.
- MAYFORD TITAN** Finest golden bronze incurve on the market. A-1
- MONIQUE** Petunia-pink, large incurving bloom, lovely foliage.
- NORMAN EDWARDS** Excellent orange-red incurving bloom, good size

OLIVE RILEY Huge pastel pink bloom with wide petals. A.M.

PAULINE WHETTON Incurving bloom in reddish-bronze and gold.

PENNINE GEM Spiky reflex in orange-bronze, medium size.

PENNINE MINSTREL A striking classic reflex in rich maroon with silver reverse. As deep as it is wide. A-l.

PETER SHOESMITH A classic mum, of exhibition standard. excellent outdoors, unmatched for show. Bloom reflexes perfectly, color bright orange-bronze. A.M.

PINK DAWN Peach-pink and apricot reflex. Excellent. F.C.

PINK PRIDE Beautiful variety. Bright rose and gold. Truly lovely, catches every eye. Excellent, A.M.

RED BILL RILEY Red sport of Bill Riley. Rich color.

REX Wide petalled, pure white reflex, best to date.

RON RITCHFORD A glowing color in bright orange, will captivate you with its color and incurving form.

ROSE SYLVIA RILEY Lovely rose sport of Sylvia Riley.

ROYAL LADY Large rose-pink bloom, slightly incurving. A.M.

ROYAL SUN Clear Yellow incurving bloom of large size.

ROYAL TAN Beautiful deep bronze incurving bloom, huge.

RUBY BREITHAUPF Lovely cactus bloom in gorgeous cream.

RUTH ABEL One of the largest earlies ever, light pink.

SARAH RILEY The lovely reflex pink with the dimples.

SHEILA ROSE Distinct color, bright rose and gold. A.M.

SHIRLEY CREAM Best incurve cream ever raised.

- SHOW GIRL Beautiful bloom in Royal purple and silver. Large.
- SILVER DOLLAR magnificent maroon and silver incurve. Quality.
- SUNAVON Absolutely the finest reflex ever raised. Yellow. FCC
- SUPERLATIVE The grandold incurve of pure white. Outstanding.
- SWANSDOWN Aptly named, pure white giant bloom. Wide petals forming a bloom of unexcelled beauty. Get it. A-1.
- SUNBLEST Reflexing yellow of large size. Long hard petals.
- SWEET MELODY A charming bright yellow incurve. A.M.
- SYLVIA RILEY A real winner, lovely pink reflex, large size A.M.
- WESTFIELD BRONZE Faultless bloom. Lovely orange-bronze incurve. Excellent for show, unmatched for market and cut bloom.
- WESTFIELD FLAME Flaming red reflex. Perfect habit, large.
- WHITE JOHN WOOLMAN Immaculate white sport of John Woolman.
- WHITE WINGS Gigantic reflexing white. Leading English bloom.
- WILDFIRE Scarlet-bronze with bright gold reverse. Large broad petalled bloom of most perfect form. A.M.
- WILLIAM DODD Golden amber bloom, a perfect reflex. a leading variety that will be universally popular. A.M.
- YELLOW AUTUMN AMBER Huge bright yellow reflex. Show quality.
- YELLOW WINGS Sport of White Wings, same good quality. A.M.
- ZEST An indescribable bloom of light rose-lilac. Bloom is eyecatching and lovely, medium size and very prolific.

The foregoing varieties and all others listed in this catalog have been grown in my nursery. Either in the garden in pots or both. Many varieties are gone. The best are here.

DECORATIVE SECTION

The decorative and Early English (early blooming) decorative section have been separated to allow you to pick your blooming dates accurately. Whereas the Early English commence blooming in late July, the decoratives commence flowering in mid-September and bloom through December. The decoratives make marvelous cut flowers, the size as a rule is much larger than most earlies. The plants will carry up to 12 large blooms. It is recommended that all decoratives in this section be raised on two stops, that is on second crown with no less than 5 blooms per plant. As pot subjects they are magnificent. Grow them in the garden but, for later blooms be sure to provide overhead protection.

DECORATIVE SECTION

Novelties for 1958 75 cents

PINK FRED SHOESMITH Lovely pink sport from Fred Shoesmith. Another winner for the cut flower trade. Silvery-pink incurving perfectly. Scarce supply.

SILVER ROSE A bright rosy-lavender incurve with a lovely silver reverse. Similar to Major Bowes but much harder petalled. Will be very popular. A.M.

STYLISH A most unusual and lovely color. Varying from orange-bronze through brownish tints. Reflexing with a very hard petal. Already a show winner.

SUNSHINE A perfect bloom of intense yellow. Finishing perfectly to the last petal. A formal reflex, it is radiant under lights. Will show perfectly.

GENERAL COLLECTION

50 cents each 5.00 doz.

ADA STEVENS Rich golden-yellow reflex of large size.

AMBER BALCOMBE PERFECTION Beautiful shiny sport of the wonderful variety Balcombe Perfection. Excellent.

AUTUMN TINTS Glowing coppery-bronze incurving bloom of

- Beautiful shape and color. The large bloom opens to reveal the loveliest tints of copper and bronze. Excellent
- AVRIL DOIG** Outstanding color, crushed strawberry and gold. Bloom incurves and reflexes making a lovely combination.
- BALCOMBE PERFECTION** Shining amber-bronze, large wide petalled incurving bloom. Excellent cut flower variety. A.M.
- CONNY BAKER** Beautiful compact incurve yellow, shiny petals.
- CREAM PRINCESS ANNE** One of the loveliest blooms imaginable. Rich cream, shiny petals stand out and unfold perfectly, the bloom is faultless. Excellent specimen plant.
- CRIMSON LAKE** Deepest red like crimson velvet, solid color, reflexing on long wiry stems, small leaves.
- DWARF ROSE** Low growing rose-pink reflex of glowing color. Plant will carry 100 good sized blooms.
- FLORENCE SHOESMITH** Giant reflex crimson-red. One of the finest in years. Blooms of exhibition size. A.M.
- FRED SHOESMITH** Large incurve white with cream overcast. Is now grown world-wide. unsurpassed commercial bloom.
- GOLDEN FRED SHOESMITH** Lovely golden spart of Fred Shoesmith.
- LILIAN RITCHFORD** Light rose-pink tinted salmon, very large deep reflex. Excellent for exhibition of cut flowers.
- MADONNA** The absolutely faultless incurve of light cream. flowers on first crown or second, one of the best.
- MARY SELVY** Rose-carmine, a most unusual and lovely color. Very large reflex of perfect shape. Color will get you.
- MAYFORD GIANT** A true giant in every respect. One of the few orange mums. Long spiky petals, hard and reflexing.
- MAYFORD PERFECTION** Huge incurving bloom of lovely warm salmon

and apricot. On first crown a giant exhibition bloom.
on second crown it will carry 15 good flowers.

MY LADY A true formal reflex. The loveliest shade of
true pink. Hard petalled bloom of great beauty.

PRINCESS ANNE A fine pink and salmon bloom, excellent
for cut flowers and wonderful as a specimen plant.

RED BALCOMBE PERFECTION Fine deep red sport of Bal. Per-
fection. This family is unsurpassed as commercial.

ROSAMUND Beautiful deep rose pink reflex of good size.

SHIRLEY BEAUTY Deep crimson and gold incurving bloom.

SYMBOL Giant reflexing orange-bronze of beautiful form.
The leading bronze in all English shows. Lovely.

TANGERINE An incurving bloom in lovely tangerine-yellow,
Huge size with a satiny finish. Very popular. A.M.

TAWNY QUEEN Lovely tawny-gold cactus type bloom.

TEDDY DOIG Largest crimson-gold inc. Wonderful Exhib..

WOKING PERFECTION Sparkling deep crimson inc. Rich color

WORTHING SUCCESS A beautiful star shaped pink. Outstanding

YELLOW FRED SHOESMITH Brilliant yellow sport of Fred S.

ADDED BRONZE MAYFORD PERFECTION Magnificent deep bronze
sport of Mayford Perfection. Alike in all resp-
ects. Wonderful for exhibition, good grower.

Anyone interested in growing chrysanthemum's
for exhibition purposes or if you want to grow
them for home decoration, join your local chrys-
anthemum Society. The Seattle Chrysanthemum Soc-
iety invites your membership. Join up..it's fun.
Meetings held monthly. Plant sale in the spring.

SPIDERS AND OTHER UNUSUAL VARIETIES

Here is the exotic unusual member of the chrysanthemum family. These dainty looking flowers complete the color range of the chrysanthemum. For they possess almost every color imaginable. The petals are thread-like, they hook up at the ends or they droop gracefully. They have a charm all of their own. They ARE the mystic Orient. For garden & Pots

ALANAGAWA The daintiest pure white. Petals glistening, thread-like. Fragile looking but hardy. Very lovely.

ELLA WADSWORTH Quill type, beautiful tubes of deep purple that open at the tips to show rich wine color.

MELODY Magnificent golden bloom. Huge tubes lie flat and form a bloom of huge proportions. One of the very best.

MIJONO HOMARE A carmine-red incurving type bloom. Not a spider, petals incurve and fall gracefully. Lovely.

NIGHTINGALE The famous Chartreuse spider. Unusual, lovely.

NEW GUINEA Very large bronze bloom with golden tips.

SAKURA SAGANO (Peggy Ann Hoover) Lovely pink straight quill.

SEIKONO HANNA Beautiful white quill spider. Stiff stems.

SEIKONO HIKARI Large, full yellow with vivid green center.

SEIKONO UME Lovely cinnamon-red spider with excellent stem.

SILVER MIST Light lavender-silver, mistly hair-like overcast.

TAIKO HOGOROMO Huge refined single white. Can be grown 10"

W. ATKINSON Lovely rosy-buff solid tubes open at tips to show deep rose-red coloring. Solid bloom straight tube.

All spiders and other types 50 cents each 5.00 doz.

ANEMONE SECTION

50 cents each

CHURINGA Dusty pink ray petals with a golden buff over pink cushion. Very compact and neat, wiry stems.

CORAL BLAZE Beautiful bloom of exhibition size. Aptly named of blazing coral. A glowing color, very lovely

GRAF VON ORIELLE Another huge anemone in bright rose-pink.

HELEN KASTLE Purest white throughout. Very outstanding.

POWDER PUFF Primrose yellow ray petals with lemon yellow disk. One of the loveliest of all anemones.

SOZAN Tiny anemone in bright ruby-red. Excellent spray.

TOTENKO (New import) Purest yellow throughout, flower is of medium size, excellent habit. Spray or disbud.

ISE MUMS 50 cents each

Unusual dainty blooms, petals like the down on a thistle. The plants are low growing and should be stopped twice. Do not dis-bud severlly. Flowers are small, reaching 2-3 inches. They are different and most unusual.

GYOKO Lovely red with just a touch of orange-bronze.

YOSHUN Pure pink. The color holds well, a real pink.

TOMOSHIRAGA Purest white, a little larger then the others. Though dainty looking. They stand up well.

PLANT DELIVERY: Earlies are ready for dispatch or pick-up after April 10th. When circumstances permit delivery is made free of charge to Seattle and vicinity. Otherwise plants are sent through the mails or may be picked up on notice. Exhibitions can be had earlier if requested a month in advance. Orders are always sent out in rotation. This is the fairest way.

NEW CHRYSANTHEMUM VARIETIES
FROM

SOUTHWESTERN WASHINGTON EXPERIMENT STATION
Vancouver, Washington

Development of early blooming mums resistant to rainy weather has been the principal objective of the S. W. Washn. Experiment Station's chrysanthemum breeding program. From this breeding program the following varieties have been developed which are being introduced to the public for the first time in 1959. All have been tested since 1954 at stations in Mt. Vernon, Prosser, and Vancouver. They have proved to be satisfactorily winter hardy under Washington conditions.

I urge you to try these new varieties and then take the time to give me or the station your personal opinion of them.

REDSTAR (5472) Compact, low growing, mound type plant. Profuse bloomer. Flowers are double about 2½ inches. The plant resembles GOLDEN CARPET from which it is a seedling. Needs no further introduction. Good for border. Mid-Aug.

RUSTIC Golden bronze, pompon type flowers. broad, stiff petals about 1-2 inches stand up well in adverse weather. Flowers are borne in clusters on good stems. Mid-Aug.

CINNABAR Large deep red flowers 3-4 inches across with long petals. An upright plant that should be staked in rainy weather. Flowers are held well above foliage. Sept. 1

KING MIDAS Large golden-yellow reflexing blooms. The earliest blooming of the group. First starting mid-July. It blooms over a long period. Sturdy, good for cut flowers.

OCEAN SPRAY This showy spoon mum produces blooms from 3-5 inches across. Has proved outstanding in tests east of the Cascades. Snow white blooms with golden yellow center are indeed eyecatching. Flowers are single, growth tall and make excellent cut flowers. Stop plants early for Sept. bloom, before rainy weather sets in.

ENCOURAGE CHRYSANTHEMUM PROPAGATION

75 CENTS EACH

INCURVES The following varieties have been chosen from dozens I have imported from Japan in the last two years. The colors are lovely and the style tends at times to be more loosely incurving and much larger than the English types. Many are outstanding, all worth a try. 50 cents each

BENETENGU Deep reddish-lavender incurve of lovely tone.

DAITORIN Huge red-purple bloom with silver reverse.

HANSHINNO YOSODE Large bright pink of excellent quality.

KONNANO NISHIKI Huge, excellent red-bronze bloom. A-1

KORUKUNNO A most lovely incurve in off-purple color.

KYUKACHO A fine incurve of deep lilac coloring.

MINENO SHIRAYAKI A very lovely incurving type bloom shining white bloom with green overcast,

NANIWANO AKI Very large clear yellow incurve.

OSHUKUBAI An incurve of fine quality in pale pink.

SEIKONO YUME Another fine pink, deeper in color.

SENSHUNO NISHIKI A very lovely large incurve in golden bronze with a definite green overcast. Fair stem.

SHINROKUNO TSUKI Glistening white of large size with a lovely chartreuse shading. Very lovely.

SHINROKUNO YOSOOI Purple-red incurve of largest size.

TAIKONO HANA Wine-red incurve of medium size. Much needed color. Quite similar in color to Ben Leighton. Lovely for arrangements.

Most Japanese varieties are late bloomers. Therefor a second stop about May 25-June 1st. is best.

EXHIBITION INCURVE SECTION

- d. This section contains what many people consider the loveliest of all mums. The incurved or ball type blooms. As pot plants they are unexcelled, as garden specimens in "weather safe" areas they produce beautifully. They have captured every color from white through green, pink through rose, lilac through deep lavender and red. Here the beginner is particularly infatuated, and, justly so. Well grown they are perfection itself. Growing from 4 to 6 blooms per plant as a rule and taking second crown is generally the rule.

INCURVE SECTION

Novelties for 1958 1.00 each

AUDREY SHOESMITH An outstanding large deep glowing pink incurve. A solid bloom, perfect to the last petal. Surely this must be one of the finest incurves ever raised. Keeps beautifully, grows well on any bud. In the garden or pot grown it is superb. F.C.C.

LILIAN WOOLMAN Fine incurve of good size and lovely color. Finishes well showing off its amber-bronze color.

MAYLEN Another excellent new incurve on the order of Audrey Shoesmith only in a lovely shade of ivory-white. A larger edition of the superb Ron Shoesmith. A.M.

UNA HABGOOD A beautiful bloom of good proportions. Very firm and reminiscent of Vera Woolman. The color is unique being light amber with green tints.

VIOLET QUEEN A silvery lica incurve of good size, somewhat like Major Bowes only a tighter incurve. The flower when full out has a distinct perfume reminding of violets. A very lovely bloom all around.

GENERAL COLLECTION

50 cents 5.00 dozen

APPERT An old favorite that should be in every collection. A huge neat incurve in copper and gold.

CELIA A sturdy plant that will carry a good crop. Very lovely shade of blush-pink. A.M.

COON The finest bronze in the incurve section. This is the bronze so badly needed. Inner petals are almost a chocolate-bronze. Excellent. A.M.

DOUBLOON Rich golden-yellow of good size, good commercial bloom. Habit quite similar to Ondine.

GAIETY One of the finest Japanese introductions. Color is brilliant rose-bengal with a lovely reverse of light rose with a silver stripe. Unusual color.

GWENDOLYN READMAN An excellent pure white incurve of large size. Long stems on very robust plant.

ISABEL The incurve I recommend for every Novice to try. You can't do wrong with it. Usually very early, in September. Color, deep pink with silver reverse.

MADAM AMI DUMONT Beautiful yellow sport of Sucy.

MAJOR BOWES Old favorite, still one of the finest. Deep lavender-pink, a lovely bloom good for anything.

MAYFORD FLUSH Blush-white, a true incurve of good proportions and good substance, slow opening. A-1 A.M.

MAYFORD PRIMROSE Glistening primrose-yellow. A very fine incurve of beautiful formation.

MILTON GREY One of the finest incurves ever. A seedling from Annie Curry. One of John Pockets' masterpieces. Pale yellow bloom of perfect form and refinement. Another that is always good. F.C.C.

MISS TOKYO Lovely lavender-pink of large size.

NISHIKI Deep yellow bloom of large proportions. The color is vivid and the flower finishes perfectly.

ONDINE Very popular greenish-white of excellent quality.

- PEACE** Lovely wide petalled incurve in pure white. The finish is perfect and the whole flower glistens. A.M.
- PINK CLOUD** Pure pink seedling from Ron Shoesmith. Lovely.
- RED APPERT** Sport from the popular Appert. The whole bloom has a reddish cast, inner petals are of bright red.
- RITA SHOESMITH** This is the October "Ermine". A lovely large pure white incurve, excellent quality.
- SILVER CREST** A tight silver-pink incurve. Lasts an unbelievably long time. Forms into a perfect ball, low grower.
- VERA WOOLMAN** Universally excepted as a near perfect mum. The hardest petal ever seen in a chrysanthemum. Will carry a large crop of absolutely lovely yellow blooms.
- WATANABE** (Conny Mayhew) Probably the most popular and finest giant incurve grown today. Lovely light yellow, incurving perfectly. As an exhibition, cut flower it is excellent, as a specimen plant unsurpassed.
- WINTER SUN** A bloom much the color of Watanabe but with a much firmer petal and more tightly incurving. Bloom is of good size and finishes perfectly. A.M.
- YELLOW MARVEL** Another perfect incurve. Deep golden-yellow the bloom is as deep as it is wide. Hard petalled with a glistening surface. Keeps beautifully. A.M.
- ZIG ZAG** Deep, deep maroon bloom that finishes with a light bronze reverse. When flower first opens it is solid crimson, as unbelievably deep color. Very large. A.M.

The NATIONAL CHRYSANTHEMUM SOCIETY OF AMERICA welcomes all Chrysanthemum lovers. Join this fine organization, The society as the name signifies encompasses the entire country. Discover the wonderful world of chrysanthemum's, a new world for many of you, an exciting world of one of nature's most versatile flowers.

SEATTLE CHRYSANTHEMUM SOCIETY SHOW October 27-28-29

LARGE EXHIBITION SECTION

These are the big leaguers in Chrysanthemum land. In this section are the remarkable Show or Exhibition mums. These truly beautiful flowers attain remarkable size and, their beauty is unsurpassed by any flower in the perennial field. They need to be severely dis-budded. In garden or pots carry for the most part from two to five blooms per plant. As a rule first crowns are in order, though many do best on second crown a few on the break bud. Here experience is the teacher. I urge you to try a few of the Exhibitions, if you are a novice I will be glad to help you over some of the hurdles. State this in your order.

EXHIBITION SECTION Novelties for 1958 Price as Marked

GREEN GODDESS The much sought after green chrysanthemum. A fine bloom, petals curl and incurve slightly. The 1.00 color is sea-green with a luminous quality. A.M.

ORACLE A lovely bloom in rich crimson with a pale buff reverse. Flower reflexes, is large but refined. 1.00 A needed color in this section. Good pot plant.

MARGARET SHOESMITH A magnificent incurving bloom. Color is shell pink. A very full flower with good firm petals. Like Charles Shoesmith and Champagne it is a quality flower and will stand with the best. A.M. 1.50

RUBY KEITH LUXFORD A lovely ruby-red sport from the magnificent variety Keith Luxford. Exactly like its' parent with the exception of the color. Another fine addition to the giant class. Very scarce. 1.50

VICKY WOOLMAN A fine cinnamon-orange reflexing flower of perfect reflexing formation and large size. 1.00 This is the variety for the boys who like them big.

The letters A.M. (award of Merit) and F.C.C. (first class certificate) are awards given by National Chrysanthemum Society and Royal Horticultural Society to outstanding chrysanthemum varieties.

EXHIBITION SECTION General Collection 50 cents each

- ATOMIC One of the most unusual mums ever grown. The bloom is very large with tubular petals of purest gold. As it matures the petals split to show the brilliant red inside. A beautiful exhibition, spray or Specimen.
- ALBERT SHOESMITH Magnificent incurving pure yellow of giant size. Like a refined Shirley Primrose. Easy to grow
- CHARLES SHOESMITH Apricot-amber bloom of giant size. Opening to the last petal. Slightly reflexing to show both inner and outer petal. A real winner. A.M.
- CHAMPAGNE An enormous champagne colored bloom. Slightly reflexing petals have a definite sheen and are firm and long lasting. Seedling of Charles Shoesmith. A.M.
- CONGRESS d' ORLEANS A proud french variety that should be widely grown. Deep red and gold petals incurve and curl to make up a magnificent large flower. exquisite.
- DEUIL d' JACQUES KEMAISSON A very large incurving bloom of deep lilac-magenta with lighter reverse. Show bloom.
- DUCHESS OF KENT Giant reflexing pink, ever popular.
- FREDA WILSON Huge incurving rich crimson and chestnut bloom To bring out the best, keep bloom absolutely dry.
- FRIAR TUCK Light bronze and red bloom of great depth. Reflexing perfectly like The Dynamo's it is very hard petalled and has a lovely sheen. A.M.
- GEORGE EDWARDS A giant white bloom with a distinct lilac sheen. Seedling of Henry Trueman. Bottom petals an inch wide. Flower is of whorled form. F.C.C.
- GEOFFREY PHILLIPPE Crimson-lake with silvery reverse. Petals incurving at tips. Good size and shape. F.C.C.
- GEORGE WELLS Deepest crimson with gold reverse. Huge

- incurving blooms. Similar to J. Pockett.
- GOLDEN TRUEMAN** Bright gold sport of H. Trueman.
- GRAPE BOWL** Grape-purple incurve of good size.
- HAWKSHAW** Gigantic incurving white bloom. A-1
- JAMES BRYANT** One of the finest exhibitions of all time. Rich crimson, chestnut reverse.
- JESSIE HABGOOD** Giant reflexing white bloom.
- JOSEPH BRADFORD** Called the plum-blue mum. It incurves and whorles. A true giant.
- KEITH LUXFORD** Deep rose with silver reverse. The firm petals turn up at the tips. Huge.
- MISS FRANCIS LOWE** Beautiful bloom of raspberry-red. Tubular petals whirl and incurve making a perfect and lovely flower. Large.
- ORPHEUS** Lilac-pink with silver reverse. Slightly incurving, good size, easy grower.
- PALE MOON** Very large creamy yellow incurve similar to Conny Mayhew in style and growth.
- PATSY ROBINSON** Giant blush-pink incurving and interlacing flower. Not an easy grower.
- SALMON KENT** Magnificent salmon sport of the Duchess of Kent. I consider it superior.
- SHIRLEY MASTERPIECE** A real masterpiece in incurving white. A giant, seedling of the Duke of Kent. Excellent show flower.
- SURREY WHITE** An incurve exhibition of great size. Flower has good substance and finishes perfectly. Purest white.
- SWEITZERLAND** Lovely lime-yellow incurving bloom of good size. Unusual coloring.

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THE DYNAMO'S An outstanding reflexing bloom of huge size. Color is brightest yellow, finish is shiny. Bloom is quite similar in shape to Jessie Habgood but much harder petalled.

TAIHO BIZAN One of the largest mums ever raised. A Japanese import of purple with a reddish cast and a reverse of silver. This giant incurve will amaze and please you. 1.50

WILLIAM TURNER A new trial for an old favorite. I have received a new stock of this champion which gives much promise. Did not crack or distort. (Jap. import, 2nd. cr..

WILLIAM MASCALL Golden-buff-apricot, large incurving bloom with golden cast to bloom. Lovely flower. (F.C.C.)

YELLOW DENNIS WROE Sport of famous Dennis Wroe, more incurv..

YELLOW SHIRLEY MASTERPIECE Magnificent yellow sport of the lovely variety Shirley Masterpiece. A.M..

The cultivation of Exhibition varieties for show exhibition is a fascinating, exacting and very rewarding experience. Space does not allow a complete resume of cultivation practice. Exhibition Japanese and Exhibition incurves are superb pot subjects and, it is this pot method that really brings the plant to its fullest perfection. Before you become discouraged and think that you could never raise chrysanthemum's in pots successfully, let me stop you and say that you can and get real satisfaction from it.

Formula's for growing are almost as numerous as the varieties themselves. First off you must have a good friable loam. This is a "live" soil, it will sound as if you are hearing it apart. This fibre is what you are looking for. Peat moss or well aged horse or cow manure is the next essential. Then course sand is required. Mix these ingredients very thoroughly. Add fertilizers, Hoof and Horn, superphosphate (20%), Sulphate of Potash, Ground limestone. Mixture by parts: LOAM 7 parts, PEAT MOSS 3 parts, SAND 2 parts, to two bushels of compost add the following fertilizer: 3 oz. H & H, 3 oz. superphosphate, $1\frac{1}{2}$ oz. Sulphate of potash, $1\frac{1}{2}$ ground limestone. Measurements are accurate. ~~Use this fert.~~ for 2nd. pot. Triple it for last potting.

FACTS ABOUT FERTILIZERS

NITROGEN

The growth element, it influences the development of green color in the leaf and color of the flower pigments. A shortage of this element results in pale colored, stunted growth, and small poorly colored flowers. Too much causes rank growth, delayed flowering, poor blooms that are subject to damping.

PHOSPHOROUS

Encourages strong root action, expedites the ripening and maturing of the plant. It is especially necessary in the early stages of the plants life as it stimulates strong root action so necessary to the young chrysanthemum. It aids in the development of the bloom. Too little causes small, hard very dark green foliage. The blooms are small and develop slowly. Excessive amounts cause soft flabby growth especially if there is also an excess of nitrogen. Where it is high and nitrogen is low, growth matures early and flowers tend to bloom prematurely.

POTASH

Promotes well balanced, firm, disease resisting growth, sturdy stems and well developed and finished blooms of good keeping quality. Essential in late season feeding.

PLANT FOODS

	<u>Nitro.</u>	<u>Phos.</u>	<u>Pot.</u>
@ Sulphate of Ammonia	20.6%		
" Nitrate of Soda	15 %		
" Calcium Nitrate	15.5%		
Bone Meal	3.5%	20%	
Hoof and Horn	13 %	(slow acting)	
Powdered Blood	13 %	(fast acting)	
@ Super Phosphate		20-45%	
@ Sulphate of Potash		(slow acting)	50%
Muriate of Potash		(fast acting)	60%
@ Acid	"Use with caution		

FERTILIZE "A LITTLE AND OFTEN" NEVER CARELESSLY.